

ABSTRACT

A device for counting micro particles is presented. The device comprises a light source; a chip containing micro particles; an object lens; a CCD camera; a counting part; and a shifter for shifting the position of the chip. It is easy to count
5 the number of micro particles, such as red blood cells or somatic cells, by using the device. The shifter shifts the position of the chip by a predetermined distance at every predetermined time interval in order that a certain area adjacent to the area photographed just before is shifted to the point where the light is incident. Therefore, sub-areas on the chip are photographed successively. The counting part counts the
10 number of micro particles in each sub-area, and adds them together to calculate the total number of micro particles in the samples.